



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
विद्युत संचार विकास प्रभाग
Power Communication Development Division

Case No. : GUJ-731:	dt. 23/08/21
PTCC proposal for LILO of both circuits of 220 kV D/C Nyara to Tebhada transmission line at 400 kV Kalawad S/S : 5.14 km	

Reference:		
S. No.	Reference No.	Dated
(i)	GETCO: CE(Project)/EE(Tr.-3)/1924	15.09.2017
(ii)	BSNL: IC/MBI/PTCC/GJ-2513	20.02.2019
(iii)	Western Railway: SG.158/28/12/913 (*received on 21.12.2020)	23.03.2018
(iv)	Defense: B/46937/ Sigs 7(b)/777	05.02.2018

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom lines of BSNL with respect to details furnished vide above reference (ii) has been computed. The voltages likely to be induced on paralleling telecom lines of BSNL under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. Western Railway vide reference (iii), has intimated that railway lines are out of 8 km area and given their consent for the PTCC route approval of the proposed power line. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power line (a copy enclosed as Annexure-II).

Taking above into consideration, necessary action regarding issuance of PTCC route approval may be taken.

Encl.: As above.

Digitally signed by RAGHUVENDRA PRATAP SINGH
Date: 2021.08.23 17:58:05 IST

Director

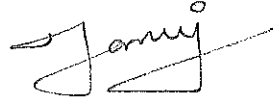
To,

1.	Divisional Engineer (PTCC), Western Zone	BSNL, Inspection Circle, 3 rd Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	With Annexures
2.	I/C Chief Engineer (Project)	GETCO, Sardar Patel Vidyut Bhavan, Race Course, Vododara-390007.	Copy for information

MIC

(Annexure-I)

CEA Office Case No. <u>GUJ-731</u>		Map scale- 1 Cms = 500 Meters			
DET (PTCC) Office Case No. 2513		Route Length- 5.14 KMS			
Railway Office Case No.		Soil Resistivity- <u>15,000 Ohm (CM)</u>			
Name of Power Line: 220 KV D/C NYARA - TEBHADA LINE LILO AT KALAWAD S/S.					
DETAILS FROM BSNL SIDE			DETAILS FROM POWER COMPANY		
Sl.No.	Name of the Telecom line/Cable	Length of parameter in KM	Mutual coupling in Ohms	Fault Current in Amp	Induce Voltage in Volts
1	KHANDERA EXCHANGE				
1A	Khandera Exch.- Local-100 *1 P	} IV	less than	430 V	
2A	Khandera Exch.- Local-100 *1 P				
3A	Khandera Exch.- Local-50 *1 P				



तनुज/TANUJ
 सहायक निदेशक-II/Asstt. Director-II
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-68

(Annexure-II) [Guj-7317]

Tele : 23019746

Directorate General of Signals
Signals 7
General Staff Branch
Integrated HQ of MoD, (Army)
DHQ PO, New Delhi - 110011

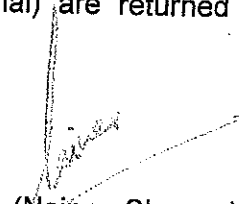
B/46937/Sigs 7(b)/7771

05 Feb 2018

Chief Engineer (Project),
Gujarat Energy Transmission Corporation Ltd
Sardar Patel Vidyut Bhawan
Race Course, Vadodara - 390007

**PTCC PROPOSAL FOR HV/EHV TRANSMISSION LINE OF GETCO
FOR 220KV D/C LILO AT 400KV KALAWAD S/S FROM 220KV
NYARA - TEBHDA LINE WITH AL-59 CONDUCTOR**

1. Reference your letter No CE(Project)/EE(Tr-3)/1924 dt 15 Sep 2017.
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheets received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.


(Nainee Sharma)
Lt Col
GSO 1 (Comn)
for SO-in-C

Copy to :-

✓ The Director (PTCC), CEA
NREB Complex,
18-A, Shaheed Jeet Singh Marg
Katwaria Sarai, New Delhi - 110016.

- For information.